

Abstract

The device for purifying machining liquids for electroerosion machines, comprises a first ultrasonic decantation device (11) to separate by decantation the metallic contamination particles (38) from the machining electrode and the machined piece, a second ultrasonic decantation device (45) of a lower power to separate the particles (39) of said machining additive, and filtration elements (46) to separate carbonaceous particles (41) from the decomposition of the dielectric liquid. After filtration, this latter is remixed with the additive particles in a mixing receptacle (47) to obtain purified machining liquid.

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(Figure 2)